



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

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OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Memorandum

To: Margaret Stasikowski, Director, Health Effects Division
Joe Merenda, Director, Environmental Fate and Effects
Division

From: Lois Rossi, Director *for McNally*
Special Review and Reregistration Division

Subject: Acephate Use Closure Memo

This memo serves as the acephate use closure memo and clarifies acephate uses for the RED risk assessment.

Background

The SMART meeting for acephate was held on September 18, 1997 as scheduled. The usage information provided by this chemical's main registrant, Valent, was deemed unsatisfactory by the Agency, as site-specific maximum use values were not supported by similar statements in the products' labels. At the same time, Valent questioned the accuracy of some use sites in the LUIS report.

Following several preliminary informal communications, SRRD sent a letter to Valent on November 7 to request that the registrant provide the Agency with information on (1) use sites that Valent intended to delete or for which there was a record of a prior deletion and (2) use sites for which Valent was willing to indicate maximum application rates and maximum numbers of applications, as well as the dates by which these would be included in label amendments.

Valent submitted its response on November 17. SRRD followed up to clarify and resolve remaining issues and to address how Valent's commitments could be adequately captured in a timeframe consistent with the RED schedule. The other two major manufacturers, Micro Flo and Drexel, also agreed to take the same actions as Valent.

Accordingly, all three registrants have submitted requests for amending the terms and conditions of registration, which

require them to amend their labels and include certain maximum use rates by March 1, 1998. Formal requests for deleting all forestry and pastureland/rangeland uses are being sent by the registrants.

All acephate team members were kept informed on developments and were frequently consulted as to Agency actions and registrants' responses at all stages of this process.

Supplemental Use Information for the RED

The following information supplements that provided in the LUIS report, which continues to form the basis for the RED risk assessments:

1. The risk assessment for acephate will be based on the use sites included in the LUIS report, except for the forestry and rangeland/pastureland which are being voluntarily deleted by the registrants.
2. Similarly, the risk assessment for food uses will be based on baseline residue data used to set up tolerances, to be provided by HED, except for those sites for which the registrants will include maximum rates in their labels, in which case the maximum values shown in Appendix 1 will be used.
3. With BEAD's support, HED and EFED will jointly decide which non-food sites and use rates will be considered in the risk assessment.
4. BEAD will, to the extent possible, verify the reliability of the information provided by the registrants for non-food uses. In cases where reliable data are lacking, BEAD will provide EFED with best estimate values for both agricultural and non-agricultural non-food uses.

Based on our understanding, this information will allow work on the RED to proceed as scheduled for a December 1998 RED completion date.

cc: Stephanie Syslo, EFED
Felecia Fort, HED
Alan Halvorson, BEAD
Marilyn Mautz, RD

Appendix 1

Crop	Proposed maximum number of application restrictions for food crops treated with acephate
Beans (snap, dry, Lima)	Apply no more than 2.0 lbs a.i. (2 $\frac{2}{3}$ lbs formulated 75% product) per acre per crop cycle.
Brussels Sprouts	Apply no more than 2.0 lbs a.i. (2 $\frac{2}{3}$ lbs formulated 75% product) per acre per crop cycle.
Cauliflower	Apply no more than 2.0 lbs a.i. (2 $\frac{2}{3}$ lbs formulated 75% product) per acre per crop cycle.
Celery	Apply no more than 2.0 lbs a.i. (2 $\frac{2}{3}$ lbs formulated 75% product) per acre per crop cycle.
Cotton	Apply no more than 6.0 lbs a.i. (8 lbs formulated 75% product or 6 $\frac{2}{3}$ lbs 90% formulated product) per acre per crop cycle.
Cranberries	Apply no more than 1.0 lb a.i. (1 $\frac{1}{3}$ lbs formulated 75% product) per acre per crop cycle.
Head lettuce	Apply no more than 2.0 lbs a.i. (2 $\frac{2}{3}$ lbs formulated 75% product) per acre per crop cycle.
Peanut	Apply no more than 4.0 lbs a.i. (5 $\frac{1}{3}$ lbs formulated 75% product) per acre per crop cycle.
Pepper (non-Bell)	Apply no more than 1.0 lb a.i. (1 $\frac{1}{3}$ lbs formulated 75% product) per acre per crop cycle.
Pepper (Bell)	Apply no more than 2.0 lbs a.i. (2 $\frac{2}{3}$ lbs formulated 75% product) per acre per crop cycle.
Peppermint/ spearmint	Apply no more than 2.0 lbs a.i. (2 $\frac{2}{3}$ lbs formulated 75% product) per acre per crop cycle.
Soybean	Apply no more than 1.5 lbs a.i. (2 lbs formulated 75% product) per acre per crop cycle.
Tobacco	Apply no more than 4.0 lbs a.i. (5 $\frac{1}{3}$ lbs formulated 75% product) per acre per crop cycle.